

LEGEND:-

SL.NO.	DESCRIPTION	SYMBOL USED	PURPOSE
01.	40mm DIA, M.S ROD (BELOW GROUND)		MAIN EARTH MAT, AUXILIARY EARTH MAT & BELOW GROUND RISER
02.	75x12mm G.I FLAT		CONDUCTOR ABOVE & BELOW GROUND EARTHING LEADS (FOR COLUMNS & AUX. STRUCTURES) AND CABLE TRENCH.
03.	75x12mm G.I FLAT		MARSHALLING BOXES & JUNCTION BOXES.
04.	40mm DIA, 3M LONG M.S ROD EARTH ELECTRODE (UNTREATED PITS)		LA, CVT, TOWER WITH PEAK, LCLM, & GRID CORNERS
05.	50mm DIA, 3M LONG (TREATED PITS) G.I. PIPE ELECTRODE		ICT, TRANSFORMER & AUXILIARY TRANSFORMER

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
2. LOCATION OF EARTHING CONDUCTORS / RISERS SHOWN IN THE EARTHING DRAWING MAY BE CHANGE TO SUIT THE SITE CONDITION.
3. TWO DIFFERENT RISERS OF ONE STRUCTURE / EQUIPMENT SHALL BE CONNECTED TO TWO DIFFERENT CONDUCTORS OF MAIN EARTHMAT.
4. MINIMUM DISTANCE OF 6000 mm SHALL BE MAINTAINED BETWEEN TWO TREATED (PIPE) ELECTRODE.
5. FOR SURGE ARRESTER, EARTHING LEAD FROM SURGE COUNTER TO MAIN EARTHMAT SHALL BE SHORTEST IN LENGTH AS PRACTICALLY AS POSSIBLE. EARTHING LEAD FROM SURGE ARRESTER SHALL NOT BE PASSED THROUGH ANY PIPE.
6. NO WELDING IS ALLOWED IN THE OVER GROUND EARTHING LEADS / RISERS IF THE LENGTH IS LESS THAN 6M.